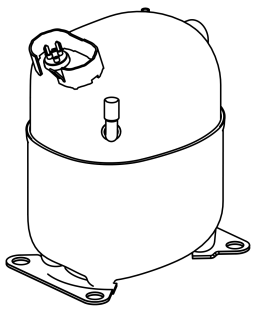
COMPRESSOR TECHNICAL DATA

NJ6226Z



ENGINEERING CODE
142ID14

REFRIGERANT
R-134a

POWER SUPPLY
208-230 V 60 Hz

APPLICATION
HBP

MOTOR TYPE
CSCR

STANDARD
EN12900

COOLING CAPACITY
3218 W

EFFICIENCY
2.21 W/W

DATA

GENERAL DATA

Model	NJ6226Z
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	HBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/208
HP	1 1/4
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	8.47 Ω at 25°C
Run Winding Resistance	1.51 Ω at 25°C

MECHANICAL DATA

Displacement	34.38 cm^3
Oil Charge	750 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	19.9 Kg

ELECTRICAL COMPONENTS

Start Capacitor	72-88 µf/330 V
Run Capacitor	17.5 µf/420 V
CSR CSIR BOX	Yes
Starting Device Description	RVA3AN3C-575
Overload Protection	15HM1962-247 (internal)

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-134a
Tested Application	HBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	208 V
Max Refrigerant Charge	800 g
Refrigerant Temperature	Dew

RATED POINTS

Condensing Temperature °C	Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
50	5	3218	2.21	1459	-	80.72

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

PERFORMANCE CURVE

Condensing Temperature 35°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-15	1574	1.97	799	-	33.31
-10	2111	2.29	924	-	44.89
-5	2685	2.59	1035	-	57.40
0	3283	2.91	1129	-	70.62
5	3890	3.25	1198	-	84.30
10	4495	3.63	1238	-	98.21

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

PERFORMANCE CURVE

Condensing Temperature 45ºC

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-15	1256	1.55	809	-	29.15
-10	1737	1.82	954	-	40.49
-5	2269	2.06	1103	-	53.18
0	2837	2.27	1250	-	66.99
5	3430	2.47	1391	-	81.69
10	4032	2.66	1518	-	97.04

Test Condition: Subcooling 0 K, Return Gas 20 ºC. Data are an indication of performance based simulation.

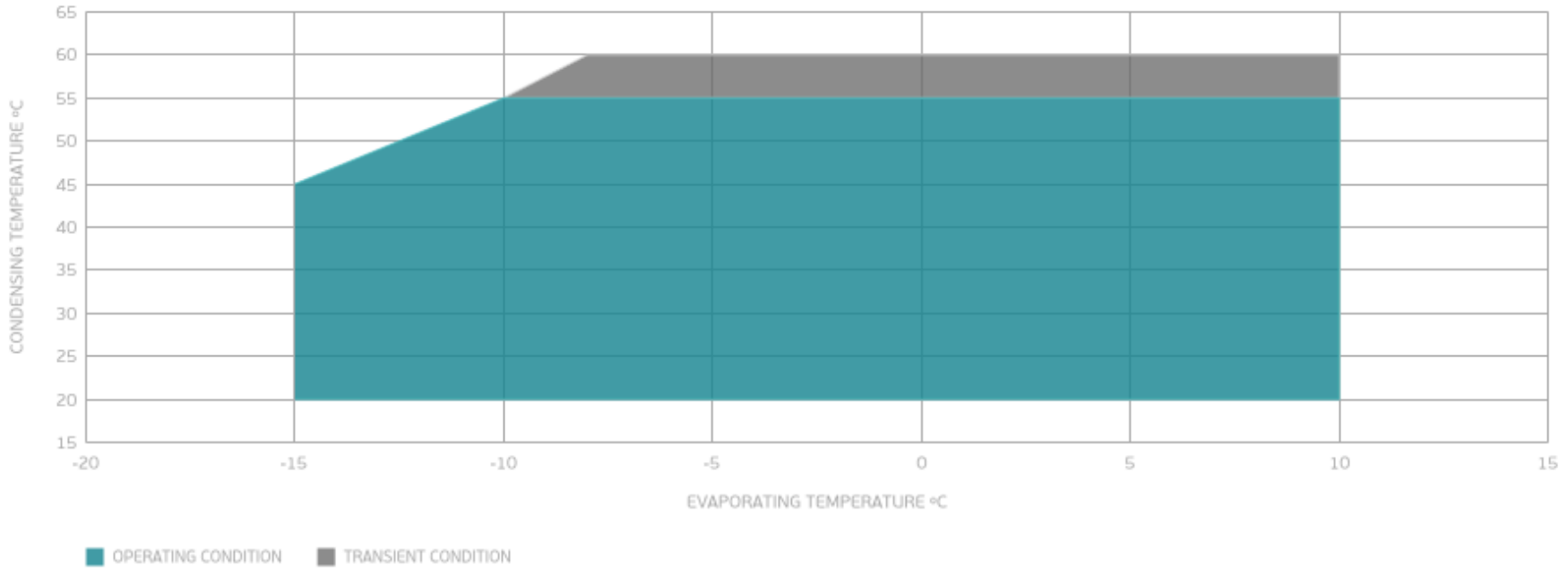
PERFORMANCE CURVE

Condensing Temperature 55ºC

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-10	1489	1.48	1007	-	38.63
-5	1955	1.68	1165	-	51.05
0	2472	1.85	1337	-	65.01
5	3026	1.99	1519	-	80.28
10	3604	2.11	1706	-	96.63

Test Condition: Subcooling 0 K, Return Gas 20 ºC. Data are an indication of performance based simulation.

ENVELOPE



External

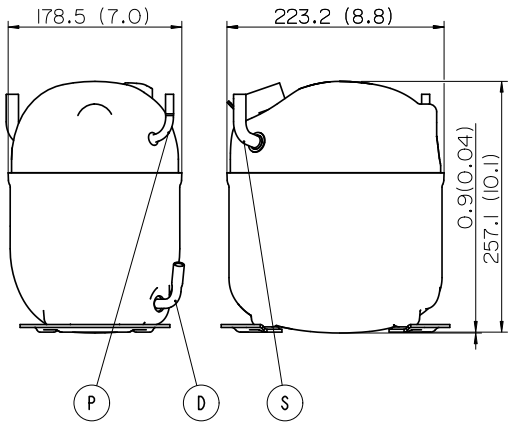
EXTERNAL CHARACTERISTICS

Base Plate	LARGE
Tray Holder	NO

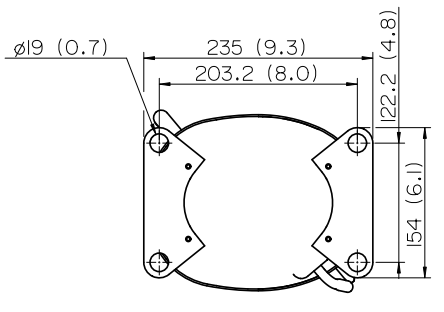
Connector	Internal Diameter	Shape	Material
Suction	9.6 mm	VERTICAL	COPPER
Discharge	8 mm	SLANTED J	COPPER
Process	6.42 mm	VERTICAL	COPPER

EXTERNAL DIMENSIONS

SHELL



BASE



FENCE

